

The Environment Data Standards Council

Approved

A standard is identified as *Approved* when the Council has taken formal action to adopt the standard for use on the Environmental Information Exchange Network. The standards listed below are *Approved*. The detail for each standard includes copy of the standard's document and standard-specific Frequently Asked Questions for standards adopted after January 1, 2002.

Approved Data Standards

[Attached Binary Object](#)

This standard provides the elements to identify the characteristics and/or catalog an attached digital data item or object.

[Bibliographic Reference](#)

This standard specifies data groupings that may be used to identify the characteristics and/or catalog a referenced digital data item or object.

[Biological Taxonomy](#)

The Biological Taxonomy Data Standard provides a group of data elements to be used for identification of biological organisms or groups.

[Chemical Identification](#)

The Chemical Identification Data Standard provides for the use of common identifiers for all chemical substances regulated or monitored by environmental programs.

[Compositing Activity](#)

This standard describes data elements and data groupings that are used to describe and exchange Compositing Activity data and information.

[Contact Information](#)

The Contact Information Data Standard includes information regarding the source of contact. The standard provides data groupings that are used to describe a point of contact, address, and communication information.

[Enforcement/Compliance](#)

The Enforcement/Compliance Data Standard is a set of commonly-used data elements for enforcement and compliance related information subject to U.S. EPA/State/Tribal exchange.

[Environmental Sampling, Analysis and Results Data Standard – Overview of Component Data Standards](#)

The Environmental Sampling, Analysis and Results Data Standards follow the business processes used to collect, analyze and report environmental data.

[Environmental Sampling, Analysis and Results: Analysis and Results](#)

This standard includes the data groupings and elements required for describing the information resulting from the analyses that are performed on environmental samples and the results that are determined from the analyses.

[Environmental Sampling, Analysis and Results: Field Activity Data Standard](#)

This standard provides a group of data elements that are used to exchange information about field activities.

[Environmental Sampling, Analysis and Results: Monitoring Location](#)

This standard identifies and describes the elements required for describing monitoring location information.

[Environmental Sampling, Analysis and Results: Project](#)

This standard describes data groupings that are used to exchange data related to environmental projects.

[Equipment](#)

This standard identifies and describes an apparatus or instrument used for sample collection, processing, and/or analysis associated with an environmental monitoring and/or laboratory result.

[Facility Site Identification](#)

The Facility Site Identification Data Standard offers a common and consistent way to identify facilities.

[Institutional Control](#)

This standard defines the elements required for describing institutional control information.

[Latitude/Longitude](#)

The Latitude/Longitude Data Standard is a set of data elements that can be used

for recording horizontal and vertical coordinates and associated metadata that define a point on the earth.

[Measure](#)

This standard focuses on data elements used to identify and describe recorded measurements or analytical results that are being exchanged between data trading partners.

[Method](#)

This standard identifies and references, the methods, procedures and techniques for performing an activity in the field or laboratory.

[Permitting Information](#)

The Permitting Information Data Standard provides a comprehensive set of data elements for identification and tracking data that pertains to portions of most programs that have a permitting process or that are interested in permit related information.

[Quality Assurance and Quality Control](#)

This standard identifies quantitative statistics and qualitative descriptors that are used to interpret the degree of acceptability or utility of data to the user.

[Representation of Date and Time](#)

This updated standard provides and describes data groupings that are used to exchange date and time information.

[Sample Handling](#)

This standard identifies descriptors for sample treatment and preservation in the

laboratory and/or field.

[SIC/NAICS](#)

This standard provides data elements for displaying:

- ***Standard Industrial Classifications (SIC)*** -- a system for classifying economic activities of business establishments, based on the 1987 Standard Industrial Classification for Establishments.
- ***North American Industry Classification System (NAICS)*** -- system for classifying economic activities of a business establishment, adopted by Canada, Mexico, and the U.S. in 1997.

[Tribal Identifier](#)

This standard provides data elements for the use of common names and codes to identify federally recognized Tribal entities.

The Environmental Data Standards Council site is staffed and maintained by [ECOS](#) and [US EPA](#)

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